

Railroad Crossing Modifications

SB215

- This bill adds Hi-Rail and On Track Equipment to Utah Code that already protects Freight Trains and Passenger Trains at Grade Crossings.
- The modern On Track Equipment is self-propelled and large in stature just slightly smaller than a Locomotive and can be a very dangerous object for motorists at grade crossings.
- These Track Maintenance Machinery need to be treated with the same respect as a Freight Train or Passenger Train.
- Because they are Maintenance Equipment, there is a very real possibility of workers and employees being on the ground near the equipment and can be put in harm's way if someone goes around the crossing arms protecting the grade crossing, and should be penalized with the same penalties as running a crossing in front of a train.
- By adding Hi-Rail and On Track Equipment to Utah Code, it will be included in the curriculum for High School students as part of their Railroad Crossing Safety that is currently being taught in their Drivers Education classes.
- The main jest of this bill is to provide a safer environment both for Railroad workers as well as the public that drive over these crossings on a daily basis.
- This bill works in concert with Operation Life Saver which educates the general public to STOP, LOOK & LISTEN before crossing a Railroad crossing at grade.









Brandt Power Unit Specifications – 2009

1. Cab and Chassis:

- Peterbilt 367
- Conventional class 8 truck
- Air ride cab
- Full instrumentation package including:
 - a. Tachometer
 - b. Odometer
 - c. Engine coolant temperature
 - d. Engine oil temperature
 - e. Truck reservoir pressure
 - f. Truck brake application pressure
 - g. Left hand and right hand drive axles suspension pressure
 - h. Tandem axle temperature
 - i. Engine exhaust temperature
 - j. Engine oil pressure
 - k. Fuel level
 - l. Automatic transmission temperature
 - m. Battery voltage

☐☐Combination fresh air heater / air conditioner

- a. 54,500 BTU/HR heater/air conditioner
- b. Bi-level heater/defroster controls
- c. Radiator mounted condenser

- Ultra Ride High Back fabric air driver / passenger seats
- AM / FM / CD stereo
- Dual air horns

2) Engine:

- Caterpillar C-15 ACERT
- 600 Horsepower @ 2100 rpm
- 2,050 Lb-Ft torque @ 1900 rpm
- Air to air after cooler
- CAT engine brake
- Delco Remy 160 amp alternator
- Delco Remy 12 volt starter
- 4 Delphi 12 volt maintenance free batteries
- 1 battery disconnect switch mounted in cab
- Bendix 16.1 cfm air compressor

3) Transmission:

- Twin Disc auto-shift transmission complete with torque converter
- 2,050 Lb-Ft torque